

May 24, 2005

## Restoration Summary: New Carissa Oil Spill

### Restoration Summary (Credit)

#### Marbled Murrelet: Total Acres to Offset Lost Bird-Years

Restoration Options	Compensatory Restoration*		
	Acres of Habitat Required Direct Injury	Acres of Habitat Required Indirect Injury	Total Acres of Habitat Required
Option 1: Acquire Mature Habitat	666.41	602.83	1,269.24
Option 2A: Hold Easements 25 Years	3,415.52	3,089.68	6,505.20
Option 2A: Hold Easements 45 Years	2,440.23	2,207.43	4,647.65
Option 2A: Hold Easements in Perpetuity	1,824.95	1,650.85	3,475.79
Option 2B: Hold Easements 25 Years	27,043.49	24,463.54	51,507.04
Option 2B: Hold Easements 45 Years	19,321.28	17,478.03	36,799.30
Option 2B: Hold Easements in Perpetuity	14,713.05	13,309.42	28,022.47

\*Totals are rounded by the computer; hand calculations may not sum to those presented.

#### Seabirds and Shorebirds: Total Restored Bird-Years

Restoration Project Options	Restored Bird-Years in PV*	
(1) Seabird Proposed Parcel A	Cormorants	16,072.09
	Auks	2,106.61
	<b>Total:</b>	<b>18,178.70</b>
(2) Seabird Proposed Predator Management	Cormorants	29,812.80
	Auks	6,454.29
	Storm-Petrels	651.86
	<b>Total:</b>	<b>36,918.95</b>
(3) Seabird Alternative Parcel B	Cormorants	24,667.16
	Auks	1,011.18
	<b>Total:</b>	<b>25,678.34</b>
(4) Shorebird Proposed Acquisition A	<b>21,834.54</b>	
(5) Shorebird Alternative Property 1	<b>73,986.23</b>	

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